

PAGE: 1

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/458,579

OIPE

0500  
#6  
DATE: 12/28/1999  
TIME: 09:31:21

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This Raw Listing contains the General Information Section and up to first 5 pages.

1 <110> APPLICANT: Brennan, Miles B.  
2 Hochgeschwender, Ute  
3 <120> TITLE OF INVENTION: METHODS FOR IDENTIFYING COMPOUNDS USEFUL FOR THE  
4 REGULATION OF BODY WEIGHT AND ASSOCIATED CONDITIONS  
5 <130> FILE REFERENCE: 3718-6  
6 <140> CURRENT APPLICATION NUMBER: US/09/458,579  
7 <141> CURRENT FILING DATE: 1999-12-09  
8 <150> EARLIER APPLICATION NUMBER: 60/111,581  
9 <151> EARLIER FILING DATE: 1998-12-09  
10 <150> EARLIER APPLICATION NUMBER: 60/146,306  
11 <151> EARLIER FILING DATE: 1999-07-29  
12 <150> EARLIER APPLICATION NUMBER: 60/146,305  
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18 <150> EARLIER APPLICATION NUMBER: 60/146,302  
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20 <150> EARLIER APPLICATION NUMBER: 60/146,301  
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22 <150> EARLIER APPLICATION NUMBER: 60/146,300  
23 <151> EARLIER FILING DATE: 1999-07-29  
24 <150> EARLIER APPLICATION NUMBER: 60/146,299  
25 <151> EARLIER FILING DATE: 1999-07-29  
26 <160> NUMBER OF SEQ ID NOS: 6  
27 <170> SOFTWARE: PatentIn Ver. 2.0  
28 <210> SEQ ID NO 1  
29 <211> LENGTH: 5  
30 <212> TYPE: PRT  
31 <213> ORGANISM: Artificial Sequence  
32 <220> FEATURE:  
33 <221> NAME/KEY: DOMAIN  
34 <222> LOCATION: (1)..(5)  
35 <223> OTHER INFORMATION: conserved region  
36 <400> SEQUENCE: 1  
37 Glu His Phe Arg Trp  
38 1 5  
39 <210> SEQ ID NO 2  
40 <211> LENGTH: 13  
41 <212> TYPE: PRT  
42 <213> ORGANISM: Homo sapiens  
43 <400> SEQUENCE: 2  
44 Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val

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PATENT APPLICATION US/09/458,579DATE: 12/28/1999  
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45 1 5 10

46 <210> SEQ ID NO 3

47 <211> LENGTH: 7

48 <212> TYPE: PRT

49 <213> ORGANISM: Artificial Sequence

50 <220> FEATURE:

51 <221> NAME/KEY: MOD\_RES

52 <222> LOCATION: (1)

53 <223> OTHER INFORMATION: Xaa = Nle

54 <220> FEATURE:

55 <221> NAME/KEY: VARIANT

56 <222> LOCATION: (2)

57 <223> OTHER INFORMATION: Xaa = Glu or Asp

58 <220> FEATURE:

59 <221> NAME/KEY: VARIANT

60 <222> LOCATION: (4)

61 <223> OTHER INFORMATION: Xaa = Phe or D-Phe

62 <220> FEATURE:

63 <221> NAME/KEY: VARIANT

64 <222> LOCATION: (7)

65 <223> OTHER INFORMATION: Xaa = dibasic amino acid; Lys; Orn; Dbu; or Dpr

66 <220> FEATURE:

67 <221> NAME/KEY: PEPTIDE

68 <222> LOCATION: (1)...(7)

69 <223> OTHER INFORMATION: analog

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72 1 5

73 <210> SEQ ID NO 4

74 <211> LENGTH: 13

75 <212> TYPE: PRT

76 <213> ORGANISM: Artificial Sequence

77 <220> FEATURE:

78 <221> NAME/KEY: VARIANT

79 <222> LOCATION: (4)

80 <223> OTHER INFORMATION: Xaa = Met, Nle, or Cys

81 <220> FEATURE:

82 <221> NAME/KEY: MOD\_RES

83 <222> LOCATION: (7)

84 <223> OTHER INFORMATION: Phe = D-Phe

85 <220> FEATURE:

86 <221> NAME/KEY: PEPTIDE

87 <222> LOCATION: (1)...(13)

88 <223> OTHER INFORMATION: analog

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90 Ser Tyr Ser Xaa Glu His Phe Arg Trp Gly Lys Pro Val

91 1 5 10

92 <210> SEQ ID NO 5

93 <211> LENGTH: 7

94 <212> TYPE: PRT

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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/458,579DATE: 12/28/1999  
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Input Set: I458579.RAW

95 <213> ORGANISM: Artificial Sequence  
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99 <223> OTHER INFORMATION: Nle  
100 <220> FEATURE:  
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102 <222> LOCATION: (4) *✓*  
103 <223> OTHER INFORMATION: Xaa = D-naphthylalanine  
104 <220> FEATURE:  
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106 <222> LOCATION: (1)..(7)  
107 <223> OTHER INFORMATION: analog  
108 <400> SEQUENCE: 5 *✓*  
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110 1 5  
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117 <222> LOCATION: (1) *✓*  
118 <223> OTHER INFORMATION: Xaa = Nle  
119 <220> FEATURE:  
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122 <223> OTHER INFORMATION: Phe = D-para-iodo-phenylalanine  
123 <220> FEATURE:  
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125 <222> LOCATION: (1)..(7)  
126 <223> OTHER INFORMATION: analog  
127 <400> SEQUENCE: 6  
128 Xaa Asp His Phe Arg Trp Lys  
129 1 5

Input Set: I458579.RAW

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71 W "N" or "Xaa" used: Feature required  
90 W "N" or "Xaa" used: Feature required  
109 W "N" or "Xaa" used: Feature required  
128 W "N" or "Xaa" used: Feature required

Xaa Xaa His Xaa Arg Trp Xaa  
Ser Tyr Ser Xaa Glu His Phe Arg Trp Gly L  
Xaa Asp His Xaa Arg Trp Lys  
Xaa Asp His Phe Arg Trp Lys